

Device to measure density of components**Publication number:** DE19710835**Publication date:** 1998-09-17**Inventor:** BAUER WALTER DR (DE)**Applicant:** BOSCH GMBH ROBERT (DE)**Classification:****- international:** G01N9/24; G01N33/38; G01N9/24; G01N33/38; (IPC1-7): G01N33/38; G01N9/24; G01M19/02; G01N23/06; G01N27/416**- european:** G01N9/24**Application number:** DE19971010835 19970315**Priority number(s):** DE19971010835 19970315**Report a data error here****Abstract of DE19710835**

The measuring unit has a radiation source (4) for transmitting radiation at a predetermined absorption at the component part (2). Preferably the source is a gamma source. A detector (5a,b,c,d) determines the intensity of the transmitted radiation and has devices (9) to measure the thickness (D) of the region of the irradiated component part. The radiation source is connected to a holder (3), for the component part to be tested. The radiation source may be integrated in the holder, which is insertable in the component part to be tested. The devices for measuring the thickness (D) may include a laser scanner and may be fixed relative to the holder of the component part to be tested.

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